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Amendments to the Drawings:

Figure 13 is added to illustrate the method steps recited in claims 1-5. The specification has also been amended accordingly to add new paragraphs [0032.1] and [0042.1] to [0042.9]. No new matter has been introduced through any of these amendments.

5   Attachment: One new drawing sheet

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REMARKS/ARGUMENTS

1. Objection to the oath or declaration:

The oath or declaration is defective because there is no oath or declaration in
the IFW as presented.

5

Response:

After review of the image file wrapper, the applicant has discovered that the
declaration was included along with the Transmittal Form instead of being listed as a
separate item. To ensure that the declaration is received, the applicant is also

10   submitting a duplicate copy of the declaration as an attachment to this reply.

2. Objection to the specification:

The title of the invention is not descriptive. A new title is required that is clearly
indicative of the invention to which the claims are directed.

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Response:

The title of the invention has been amended to more clearly indicate the
invention to which the claims are directed. Acceptance of the new title is respectfully
requested.

20

3. Rejection of claims 1, 2, 6, and 10 under 35 U.S.C. 102(e):

Claims 1, 2, 6, and 10 are rejected under 35 U.S.C. 102(e) as being anticipated
by Osada (US 6,700,847) for reasons of record.

25   **Response:**

Claim 6 has been amended to overcome this rejection. The limitations previously
found in claim 7 have been added to claim 6 and claim 7 has been subsequently cancelled.

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Claim 7 had previously been indicated as allowable if rewritten in independent form.

Regarding claim 1, the applicant would like to point out how claim 1 is patentably distinct from the Osada reference. Claim 1 contains the three following limitations, the

5   second and third of which are not taught by Osada.

"generating a wobble clock according to the average number and the reference
    clock;
generating the ATIP signal according to the average number and the counting result;

10   and
generating the ATIP clock according to the ATIP signal and the wobble clock."

Regarding the first limitation, "generating a wobble clock according to the average number and the reference clock", Osada teaches that the divider 54 generates a wobbling

15   pulse WBLPOL_0 that is analogous to a wobble clock. This wobble pulse is generated based on the average value n and the reference clock CLOCK 1.

Regarding the second limitation, "generating the ATIP signal according to the average number and the counting result", the Examiner has stated that with the output

20   signal WBLPOL_0, Osada teaches an ATIP signal generated in this manner. However, as described above, the WBLPOL_0 signal is analogous to the wobble clock. Furthermore, Osada teaches generating the output signal WBLPOL_0 based on the average value n and the reference clock CLOCK 1. Osada does not teach generating an ATIP signal according to the average number and the counting result.

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Regarding the third limitation, "generating the ATIP clock according to the ATIP signal and the wobble clock", since Osada does not teach generating the ATIP signal, he also does not teach generating the ATIP clock based on this signal.

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For these reasons, the applicants respectfully submit that Osada does not teach all of the limitations of claim 1, and claim 1 is patentably distinct from the cited prior art. Claims 2-5 and 8-12 are dependent on claims 1 and 6, respectively, and should be allowed

5 if claims 1 and 6 are allowed. Reconsideration of claims 1, 2, 6, and 10 is therefore respectfully requested.
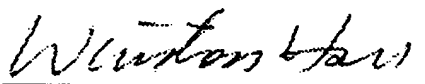
4. Introduction to new claim 13:

New claim 13 is written based on original claim 3, and states that the ATIP

10 signal is generated from comparing the counting result with the average number. This limitation is fully supported by the specification, and no new matter has been added.

On the other hand, Osada does not teach comparing the counting result with the

15 average number to generate an ATIP signal. Therefore, claim 13 is patentably distinct from the cited prior art. Moreover, claim 13 is dependent on claim 1, and should be allowed if claim 1 is allowed. Acceptance of claim 13 is respectfully requested.

20 In light of the above statements in favor of patentability, the applicant respectfully requests that a timely Notice of Allowance be issued in this case.

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Respectfully submitted,

Winston Hsu   Date: ___June 30, 2005___

Winston Hsu, Patent Agent No. 41,526

5   P.O. BOX 506, Merrifield, VA 22116, U.S.A.

Voice Mail: 302-729-1562

Facsimile: 806-498-6673

e-mail : winstonhsu@naipo.com

10   Note: Please leave a message in my voice mail if you need to talk to me. The time in D.C.

is 12 hours behind the Taiwan time, i.e. 9 AM in D.C. = 9 PM in Taiwan.

Attachments

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